

MININ, A.N., kandidat tekhnicheskikh nauk.

Panels made of wood waste without the use of binders. Der. prom.  
6 no.2:11-13 P '57. (MIRA 10:4)

1. Belorusskiy lesotekhnicheskii institut im. S. M. Kirova.  
(Wood waste) (Wood, Compressed)

*17/10/10, 17.10.*  
MININ, A.N.

~~Wet filter~~ and vertical settling tanks for a pneumatic-tube transportation system. Der. prom. 6 no.10:9-10 0 '57. (MIRA 10:11)

1. Belorusskiy lesotekhnicheskiy institut im. S.M. Kirova.  
(Air filters) (Pneumatic-tube transportation)

MININ, A.N., kand.tekhn.nauk

Effect of technological factors on deformations of ground wood.  
Sbor.nauch.trud.BLTi no.10:296-309 '57. (MIRA 11:12)  
(Briquets)

MININ, A.N.

Economics of wood waste transportation by rail. Gidroliz.  
1 lesokhim. prom. 10 no.3:26-27 '57. (MLRA 10:5)

1. Belorusskiy lesotekhnicheskii institut.  
(Wood waste--Transportation)

MININ, A.N., kand.tekhn.nauk.

Introduce the use of machines in surfacing wood. Der.prom. 7 no.3:5-7  
Mr '58. (MIRA 11:4)

1.Belorusskiy lesotekhnicheskii institut im. S.M. Kirova.  
(Planing-machines)

MININ, A.N., kand.tekhn. nauk

Combined planing of veneers. Dsr.prom. 7 no. 6:9 Je '58.

(MIRA 11:8)

1. Belorusskiy lesotekhnicheskiy institut im. S.M.Kirova.  
(Planing machines)  
(Veneers and veneering)

MININ, A.N.

~~Thermomechanical dehydration of hydrolytic lignin. Gidroliz. 1~~  
lesokhim.prom. 11 no.7:14-15 '58. (MIRA 11:11)

1. Belorusskiy lesotekhnicheskii institut.  
(Lignin)

MININ, A. N., kand.tekhn.nauk

Effect of basic technological factors on deformations of  
wood dust. Der.prom. 8 no.4:8-12 Ap '59. (MIRA 12:6)

1. Belorusskiy lesotekhnicheskiy institut im. S.M.Kirova.  
(Wood, Compressed--Testing)

MININ, A.N.; YAKUNIN, I.I.

Using gelatinizing substances in making boards of wood shavings.  
Der.prom. 8 no.4:29 Ap '59. (MIRA 12:6)  
(Woodworking industries)

MININ, Aleksey Nikolayevich, dotsent, kand.tekhn.nauk; CHERNYAK, I., red.;  
STEPANOVA, N., tekhn.red.

[Manufacture of compressed waste-wood products and materials]  
Proizvodstvo izdelii i materialov iz izmel'chennoi drevesiny  
pressovaniem. Minsk, Gos.izd-vo BSSR, Red.nauchno-tekhn.lit-ry,  
1960. 181 p. (MIRA 13:6)  
(Wood, Compressed)

MININ, A.N.; LAKHTANOV, A.G.

Effect of raw material moisture on the physical and mechanical properties of compressed wood manufactured by the piezothermal method. Der.prom. 9 no.9:14-15 S '60. (MIRA 13:9)

1. Belorusskiy lesotekhnicheskiy institut im. S.M.Kirova.  
(Wood, Compressed)

MININ, A.N., kand.tekhn.nauk; LAKHTANOV, A.G., kand.tekhn.nauk

Effect of the press-platen temperature on the physical and  
mechanical properties of piesothermoplastids. Der.prom. 10  
no.3:9-11 Mr '61. (MIRA 14:5)  
(Wood, Compressed) (Power presses)

MININ, A.N., kand.tekhn.nauk

Method of determining the efficiency of hydraulic presses. Der.prom.  
11 no.1:15 Ja '62. (MIRA 15:1)

1. Belorusskiy tekhnologicheskii institut im. S.M.Kirova.  
(Hydraulic presses)

MININ, A.N., kand.tekhn.nauk; LAKHTANOV, A.G., kand.tekhn.nauk

Effect of the specific pressure, time and temperature of compression on the physicomachanical characteristics of piezochemical thermoplastics. Der.prom. 11 no.12:10-13 D '62. (MIRA 16:1)

1. Belorusskiy tekhnologicheskii institut im. S.M.Kirova.  
(Wood, Compressed—Testing)

MININ, A.N., dotsent, kand. tekhn. nauk; KAT'KO, L.T., inzh.

New material for floors made from industrial wastes. Stroi.  
mat. 9 no.6:16-18 Je '63. (MIRA 17:8)

KININ, A.N., kand. tekhn. nauk; GORBACHEVA, A.P.

Effect of the size of filler particles on the characteristics  
of composition lignum plastics. Der. prom. 13 no.12:12-14  
D '64 (MIRA 18:2)

1. Belorusskiy tekhnologicheskiy institut.

MININ, A.N.; MARTINOVICH, F.S.

Effect of basic technological factors on the properties of  
hardboard made from hydrolysis lignin. Gidroliz. i lesokhim.  
prom. 17 no.7:9-11 '64.

(MIRA 17:11)

1. Belorusskiy tekhnologicheskii institut im. S.M. Kirova.

AM5015202

BOOK EXPLOITATION

UR/

Minin, Aleksey Nikolayevich

The technology of piezothermal plastics (Tekhnologiya p'ezotermoplastikov) Moscow, Izd-vo "Lesnaya promyshlennost'", 1965. 295 p. illus., bibli., append. 1450 copies printed. Editor: K. I. Smolenskiy; Editor of the publishing house: A. A. Dennykova; Technical editor: V. M. Akepeva; Proofreader: N. S. Pronina

TOPIC TAGS: piezothermal plastic, wood plastic

PURPOSE AND COVERAGE: This book was intended for engineers and technicians in wood-working production and the construction industry and related fields, as well as for scientists and students in these branches of the country's national economy. The book contains a literature review on the subject, and includes both theoretical and laboratory investigations on the effect of basic technological factors on the physical-mechanical and electrical properties of piezothermal plastics. On the basis of these investigations, a technique is recommended for the production of these materials from organic materials without the addition of binders. The detailed characteristics of the raw materials and methods for their preparation are given.

UDC: 674.812:658

Card 1/3

AM5015202

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SUB CODE: 11 / SUBM DATE: 16Nov64/ ORID REF: 117/ OTH REF: 003

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KARRA, Valentin Yakovlevich; MININ, Aleksandr Savel'yevich; SHOBIN, L.Ye., inzh., ved. red.; SHREYDER, A.V., kand.tekhn.nauk, red.; PONOMAREV, V.A., tekhn. red.

[Performance of chromium plating steel baths with passivation linings and cathodic protection. Molybdenum coating of aluminum and its alloys] Rabota stal'nykh khromovykh vann s primeneniem passivirovaniia i katodnoi zashchity. Molibdenirovanie aliuminiia i ego splavov. Moskva, Filial Vses. inst. nauchn.i tekhn.informatsii, 1958. 10 p. (Peredovoi nauchno-tekhnicheskii i proizvodstvennyi opyt. Tema 13. No.M-58-265/28) (MIRA 16:3)

(Chromium plating--Equipment and supplies)  
(Protective coatings) (Aluminum)

MININ, A.Ye.

Chain self-feeder for circular and band saws. Ber. prom. 12 no.11:21  
N '63. (MIRA 17:1)

1. Leningradskaya fabrika muzykal'nykh instrumentov im. Lunacharskogo.

MININ, A.Ye.

Line for varnishing guitar bodies in an electrostatic field of  
high voltage. Der. prom. 13 no.2:22-24 F '64. (MIRA 17:3)

VIKHOREV, B.A.; MININ, A.Ye.

Modernization of atomizers and batchers for electric painting.  
Der. prom. 13 no.9:24-25 S '64.

(MIRA 17:11)

1. Leningradskaya fabrika muzykal'nykh instrumentov im. Lunacharskogo.

MININ, A.Ye.; VIKHOREV, B.A.

Some characteristics of the electric painting of wood. Der. prom.  
14 no.4:15 Ap '65. (MIRA 13:5)

MININ, Andrey Yefimovich; VIKHOREV, Boris Andreyevich;  
KOTLYAREVSKAYA, G.A., red.

[Operation of units for electrostatic spray painting]  
Ekspluatatsiia elektrookrasochnykh ustanovok. Lenin-  
grad, 1965. 26 p. (MIRA 18:7)

MININ, A.Ye.; VIKHOREV, B.V.

Fire prevention measures at installations for wood finishing.  
Der. prom. 14 no.1324-25 Ja '65.

(MIRA 18:4)

MININ, A.Ye.; VIKHOREV, B.A.

Painting products in a high-voltage electric field. Der.  
prom. 14 no. 12:29-30 D '65. (MIRA 18:12)

1. Leningradskaya fabrika muzykal'nykh instrumentov imeni  
Lunacharskogo.

MININ, B., inzh.

Improvement of the "Kometa" magnetic tape recorder. Radio  
no.3:38-39 Mr '65. (MIRA 18:6)

MININ, B., inzh.

Variable absorption-type attenuators. Radio no.2:51-52 F '65.  
(MIRA 18:4)

MININ, B.A. (Moskva)

Device UFI-63 for examination of the higher nervous activity in  
man. Zhur.vys.nerv.deiat. 14 no.6:1104-1107 N-5 '64.

(MIRA 18:6)

MININ, D.D.

How to gather and preserve tree and shrubby seeds. Moskva, Vserossiiskoe obshchestvo okhrany prirody, 1949. 45 p.

1. Seeds. 2. Trees.

MININ, D. D.

Sbor 1

(The collection and preservation of seeds of the tree and shrubbery species)  
Moskva, Goslesbumizdat, 1949. 82 p.

LINEN, D.

"Preservation of forest seeds. Tr. from the Rus Ann." p. 130.  
(Narodni Svar. Vol. 5, no. 4/5, Apr./-ay 1951, Sarajevo.)

SO: Monthly List of East European Accessions, Vol. 2, No. 9, Library of Congress, September  
1953, Uncl.

MININ, D.

Acorns

Procurement and storage of acorns. Kolzh, proizv. 12 no. 1, 1951.

Monthly List of Russian Accessions, Library of Congress, December 1952. Unclassified.

*MININ, Dionisiy Danilovich*

MININ, Dionisiy Danilovich; TULUNIN, B.N., red.; ZUBRILINA, Z.P., tekhn.red.

[Gathering and storing tree and shrubbery seeds] Sbor i khranenie  
semyan drevesnykh i kustarnikovykh porod. Izd. 3-e, ispr. i dop.  
Moskva, Gos. izd-vo sel'khoz. lit-ry, 1957. 103 p. (MIRA 11:2)  
(Seeds)

MATIAS, G.L.; ELKIN, P.R.; ROMERO, A.L.; BLAKE, I.D.; MENDY, T.V.;  
MURPHY, I.S.; KUHLMAN, V.M.; KILM, R.L.; JENSEN, D.P.; MCNEIL,  
I.R.; GUYARD, G.O.; CHASE, R.L.; KOSTER, E.O.; RED, J. SERVICE,  
R.R., tabular.

(Reference book for workers in the field of land improvement  
through afforestation) Spravochnik sotsialistichesk. kst.,  
Moskva, Gosizdatkhozkhizlit-77, 1979. 308 p. (MIRA 13:6)

(afforestation)

MIRA, D.D.

MININ, Dionisiy Danilovich; KRYLOVA, V.I., red.; PROKOF'YEVA,  
L.N., tekhn. red.

[Storage and preparation of tree and shrub seeds for sowing]  
Khramenie i podgotovka k posevu semian drevesnykh i kustar-  
nikovykh porod. Moskva, Sel'khozizdat, 1962. 118 p.  
(MIRA 15:7)

(Woody plants) (Seeds)

PEVZNER, Ye.S., MININ, G.A.

~~unclassified~~  
Histopathological changes in the internal organs of rabbits fed  
large doses of vitamin D<sub>2</sub> over a long period. Sbor.nauch.rab.Bel.  
nauch.-issl.kozhno-ven.inst. 4:69-72 '54 (MIRA 11:7)  
(VISCERA)  
(VITAMINS--D)

MININ, G.A.

EL'BERT, B.Ya.; KIRVEL', M.M.; FALITAREK, S.S.; KVITNITSKAYA, G.V.;  
KLIMOV, Yu.N.; MININ, G.A.

Preventive immunization against tularemia in muskrat breeding.  
Zhur. mikrobiol. epid. i immun. no.10:99 0 '54. (MLRA 8:1)  
(TULAREMIA--PREVENTIVE INOCULATION)  
(MUSKRATS--DISEASES)

MININ, G.A.; KALEDA, V.I.

Pathohistology of chronic tonsillitis. Zdrav. Bel. 7 no.9:29-30  
S '61. (MIRA 14:10)

1. Iz kliniki bolezney ukha, nosa i gorla (zaveduyushchiy - dotsent  
N.T.Yevstaf'yev) Belorusskogo instituta usovershenstvovaniya vrachey  
(direktor - dotsent N.Ye.Savchenko).  
(TONSILS--DISEASES)

MININ, G. A.

MININ, G. A. -- "Models of Operating Conditions of Traction Substations Having Nonlinear Characteristics in the Case of Regenerative Deceleration on Electric Railroads."

\*(Dissertations for Degrees in Science and Engineering Defended at USSR Higher Educational Institutions) Min Railways USSR, Moscow Order of Lenin and Order Labor Red Banner Inst of Engineers of Railroad Transport named I. V. Stalin, Moscow, 1955.

SC: Knizhnaya Letopis' No. 31, 30 July 1955.

\*For the Degree of Candidate in Technical Sciences.

MININ, G.A., otvetstvennyy za vypusk; KANDYKIN, A.Ye., tekhnicheskii  
redaktor

[Higher institutions for the study of railroad transportation; a  
manual for entrants] Vysshie uchebnye zavedeniia zheleznodorozhnogo  
transporta; spravochnik dlia postupaiushchikh. Moskva, Gos. transp.  
zhel-dor. izd-vo, 1956. 85 p. (MIRA 9:11)

1. Russia (1923- U.S.S.R.) Glavnoye upravleniye uchebnymi  
zavedeniyami.  
(Railroads) (Technical education)

MININ, G.A., kand, tekhn. nauk; VEKSLER, M.I., inzh.

Estimates for selecting traction capacities of power supply  
systems. Trudy MIIT no.104:126-137 '59. (MIRA 12:9)  
(Electric railroads--Substations)

MININ, G.A., kand.tekhn.nauk; SERGEYEV, N.G., kand.tekhn.nauk; BESSONOV,  
V.A., inzh.; KISLYAKOV, V.A., inzh.

Use of mathematical statistics and the probability theory for  
studying and designing the power supply systems of electric  
railroads. Trudy MIIT no.144:38-49 '62. (MIRA 15:10)  
(Electric railroads--Current supply)

BESKOV, B.A.; GERONIMUS, B.Ye.; DAVYDOV, V.N.; KREST'YANOV, M.Ye.;  
MARKVARDT, G.G.; MIKHIN, G.A.; *Prinimal uchastiye* TAMAZOV,  
A.I.; VAYNBLAT, E.G., inzh., retsenzent; KRUGLYAKOV, F.Ye.,  
inzh., retsenzent; KUCHMA, K.G., kand. tekhn.nauk,  
retsenzent; LOMAZOV, D.V., kand. tekhn. nauk, retsenzent;  
SLUTSKIY, Z.M., inzh., retsenzent; FRADKIN, I.S., inzh.,  
retsenzent; YUSHKOV, P.K., inzh., retsenzent; PERTSOVSKIY,  
L.M., inzh., red.; USENKO, L.A., tekhn. red.

[Design of electric railroad power supply systems] Proektiro-  
vanie sistem energosnabzheniia elektricheskikh zheleznykh do-  
rog. [By] B.A.Beskov i dr. Moskva, Transzheldorizdat, 1963.  
470 p. (MIRA 17:2)

ALEKSANDROV, S. Ye.; MININ, G.A., dotsent

Lesions of abdominal organs caused by talc. Zdrav. Bel. 9 no.8:  
34-36 Ag\*63 (MIRA 17:3)

1. Iz kafedry farmakologii ( zav. - prof. K.S. Shadurskiy)  
Minskogo meditsinskogo instituta, nauchno-issledovatel'skoy  
laboratorii Ministerstva zdravookhraneniya BSSR (zav. - kand.  
med. nauk K.A. Vyatchannikov) i mediko-sanitarnoy chasti  
Yaroslavskogo shirnogo zavoda (glavnyy vrach -zasluzhennyy  
vrach RSFSR M.I. Pokrovskaya).

MARKVARDT, Konstantin Gustavovich, prof., doktor tekhn. nauk;  
MININ, G.A., kand. tekhn. nauk, dots., red.; KISLYAKOV,  
V.A., kand. tekhn. nauk, red.;

[Electric power supply of electric railroads] Elektro-  
snabzhenie elektricheskikh zheleznikh dorog. Moskva,  
Transport, 1965. 463 p. (MIRA 18:12)

Name: MINER, G.

Wrote article on tuning indicator. Principal circuit arrangement shows that the device comprises a three-electrode tube, transformer, and indicator tube.

REF: R. F. <sup>radio front</sup>#15, pg 38, col 2, 1937

Name: MININ, G.P.

Wrote article on the expander tube, SO-185. The author describes the function of the expander tube using schematic circuit diagrams.

REF: R. F. #18, pg 40, col 2, 1937

~~MININ~~ MININ, G.P.

G. P. MININ, V. K. SPIRIDONOV

"Electro-Measuring Instruments" (Study tables) published by State Publishers of  
~~General~~ Energetic Literature, Moscow, 1947.

MININ, G. P., ENG.

Electric Currents - Grounding

Inspecting the grounding systems in plants. Rab. energ. 2, No. 7, 1952

Monthly List of Russian Accessions, Library of Congress, October 1952. UNCLASSIFIED.

MININ, G. P.

Dynamos - Direct Current

Parallel operation of a direct current generator with selenium rectifier.  
Rab. energ. 2 no. 8, 1952.

Monthly List of Russian Accessions, Library of Congress, November, 1952. UNCLASSIFIED.

MININ, G. P., (ENG.)

Electric Current Rectifiers

Solid rectifiers. Rab. energ. 2 no. 8, 1952

9. Monthly List of Russian Accessions, Library of Congress, November 195<sup>2</sup>~~3~~, Uncl.

MININ, G. P.

G. P. Minin and V. K. Spiridonov, Elektroizmeritel'nyye pribory (Electrical Measuring Instruments), Gosenergoizdat.

A series of 14 instructional tables, showing basic electrical measuring instruments: ammeters and voltmeters, magnetoelectric, electromagnet and electrodynamic systems, ferrodynamic and induction wattmeters, single-, and triple-phase meters, electromagnetic and ferrodynamic phase meters, vibration-, and needle-frequency meters, automatic recording meters, megohmmeters, current measuring clips, and measuring transformers. The tables include graphic representations of the construction of electrical measuring instruments used in power engineering.

The tables constitute a graphic aid for persons studying the fundamentals of electrical measuring instruments, and may be used by technical school students.

SO: Sovetskaya kniga (Soviet Books), No. 183, 1953, Moscow, (U-6472)

MININ, G.P.

Possibility of enlarging the middle section of the scale of a voltmeter type  
III. Energetik 1 no.4:39 S '53. (MIRA 6:8)  
(Voltmeter)

MININ, G.P.

Measuring small currents (up to 15 a) with measuring tongs. Energetik 1  
no.6:37 N '53. (MIRA 6:10)  
(Electric meters)

*MININ, G.P.*

AID P - 887

Subject : USSR/Electricity

Card 1/1 Pub. 29 - 20/23

Author : Minin, G. P., Eng.

Title : ~~Electric measuring instruments~~  
Electric measuring instruments

Periodical : Energetik, 10, 34-37, 0 1954

Abstract : The article is another of a series to facilitate the study and application of the new "Rules of Operation of Electric Power Stations and Networks" and concerns chapter 31 of the Rules.

Institution : Not given

Submitted : No date

MININ, G.P.

Turning a standard voltmeter into a synchronizing voltmeter. Energetik  
4 no.9:38 8 '56. (Voltmeter) (MIRA 9:10)

PHASE I BOOK EXPLOITATION 1056

Minin, G.P. and Spiridonov, V.K.

Elektroizmeritel'nyye pribory; uchebnyye tablitsy (Electric Measuring Instruments; Instruction Charts) [Leningrad] Gosenergoizdat, 1957. 16 charts in folder. No. of copies printed not given.

No additional contributors mentioned.

PURPOSE: This set of drawings of electrical measuring instruments is addressed to students in electrical engineering schools.

COVERAGE: This is a collection of 15 detailed drawings in color showing cross-sectional cutaway and general views of the principal types of electrical measuring instruments. Each drawing contains a legend indicating the instrument parts and some include the circuit diagram of the instrument. No personalities are mentioned. There are no references.

Card 1/2

Electric Measuring Instruments (Cont.) 1056

TABLE OF CONTENTS:

1. Permanent magnet moving-coil instrument. Switchboard voltmeter
2. Permanent magnet moving-coil instrument. Laboratory millivoltmeter
3. Moving-iron instrument. Switchboard voltmeter with cylindrical coil
4. Moving-iron instrument. Voltmeter with a static disk coil
5. Electrodynamic instrument. Astatic wattmeter
6. Ferrodynamic instrument. Switchboard wattmeter
7. Ferrodynamic instrument. Phase meter and frequency meter
8. Induction instrument. Single-phase watt-hour meter
9. Induction instrument. Three-phase watt-hour meter
10. Electrostatic voltmeter with luminous spot indicator
11. Recording instrument. Continuous recording voltmeter
- 12.-13. Megohmmeter
- 14.-15. Conventional symbols and their location on the scales of electrical measuring instruments

AVAILABLE: Library of Congress

JP/ksv

Card 2/2

1-6-59

MININ, G.P.

MININ, G.P.

~~Repairing a damaged thermocouple. Energetik 5 no.9:40 S '57.~~  
(MIRA 10:10)

(Thermocouples)

AUTHOR: Minin, G.P.

SOV/91-58-3-26/28

TITLE: How to Convert an Induction Motor into a Voltage-regulator (Kak pere~~delat~~' asinkhronnyy dvigatel' v potentsial-regulyator) Answer to the Question of V.P. Osipov of the Town of Satka in Chelyabinsk Oblast' (Otv~~et~~ na vopros V.P. Osipova, g. Satka Chelyabinskoy oblasti)

PERIODICAL: Energetik, 1958, Nr 3, p 39 (USSR)

ABSTRACT: The author gives 2 circuit diagrams according to which an induction motor can be converted into a Voltage-regulator. The new form of potential-regulator can also be used as a phasoregulator. There are 3 circuit diagrams.

Card 1/1

MININ, G.P.

Series connection of selenium rectifiers. Energetik 6 no.6:37 Je  
'58. (MIRA 11:8)

(Electric current rectifiers)

AUTHOR: Minin, G.P.

91-58-6-33/34

TITLE: The Parallel Switching of Electric Power Counters (Parallel'-noye vklyucheniye schetchikov elektricheskoy energii)

PERIODICAL: Energetik, 1958, Nr 8, pp 37-38 (USSR)

ABSTRACT: In reply to A.F. Tolbatov's enquiry the author argues against wiring electric counters in parallel because of the difficulty of achieving an equal distribution of the load between the counters. The resistance of the current circuit of the counter is so small that the length of the wiring has a marked effect on the accuracy of the reading. The author does, however, give some hints on wiring to achieve an equal load distribution when parallel switching of counters is necessary. There is 1 circuit diagram.

1. Electric counters--Installation    2. Electric counters--Performance

Card 1/1

AUTHOR: Minin, G.P., Engineer SOV-91-58-9-26/29

TITLE: Calculating the Error in a Screen Terminal Megohmmeter from the Insulation Surface Currents (Uchet pogreshnostey megommetra s ekrannym zazhimom ot poverkhnostnykh tokov izolyatsii)

PERIODICAL: Energetik, 1958, Nr 9, pp 38-39 (USSR)

ABSTRACT: Megohmmeters are being produced in the USSR with a screened terminal connected to one pole of the generator. When measuring the resistance of an insulation the leakage currents on the surface of the insulation are fed via this terminal to the operating current source, thus by-passing the measuring instrument. Direct error is thus avoided, but the surface currents then exert an effect on the generator voltage which leads to inaccuracy in the reading of the logometer. The error can be calculated in percentage of the actual reading from the following formula:

Card 1/2

SOV-91-58-9-26/29

Calculating the Error in a Screen Terminal Megohmmeter from the Insulation Surface Currents

$$\Delta R_x \% = \frac{R_L}{R} 100$$

where  $\Delta R_x \%$  is the error in the insulation resistance reading

$R_L$  is the resistance of the current circuit of the logometer

$R$  is the resistance of the insulation at the end of the cable.

There are 2 circuit diagrams and 1 schematic diagram.

1. Ohmmeters--Errors
2. Insulation (Electric)--Testing equipment
3. Ohmmeters--USSR

Card 2/2

8(0),9(6)

PHASE I BOOK EXPLOITATION

SOV/2450

Minin, Gleb Petrovich

Ekspluatatsiya elektroizmeritel'nykh priborov (Operation of Electrical Measuring Instruments) Moscow, Gosenergoizdat, 1959.  
319 p. 30,000 copies printed.

Ed.: Ye. D. Demkov; Tech. Ed.: G. Ye. Larionov.

PURPOSE: This book is intended for engineers, technicians and repairmen working with electrical measuring instruments. It may also be useful to students of tekhniums specializing in instrument operation.

COVERAGE: The author presents general information on the operation of electrical instruments. Chief attention is given to methods of measuring nonsinusoidal currents and checking and testing instruments. Information on determining the accuracy of measurement is also presented. No personalities are mentioned. There are 10 references, all Soviet.

~~TABLE OF CONTENTS:~~  
~~Card 1/10~~

8 (6)

SOV/91-59-4-26/28

AUTHOR: Minin, G. P.

TITLE: Why Are Shunts Not Used With AC (Pochemu ne primenyayutsya shunty na peremennom toke?)

PERIODICAL: Energetik, 1959, Nr 4, p 38 (USSR)

ABSTRACT: The article is an answer to a question submitted to this periodical by Ye. Ya. Blinkin. The author explains why transformers are used on ac circuits for measurements.

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SOV/91-59-6-30/33

(  
AUTHOR: Minin, G.P.

TITLE: Symbols on Electric Measuring Instruments

PERIODICAL: Energetik, 1959, Nr 6, p 38 (USSR)

ABSTRACT: This is a reply to reader V.M. Kalita from Khadyzhensk, Krasnodarskiy kray, who wanted to know the meaning of letters inscribed in a triangle, and of Roman numerals inscribed in a square, on the dials of Soviet electric measuring instruments. In accordance with GOST 1845-52, all such instruments are subdivided, with respect to the conditions of their exploitation, into four groups. An instrument earmarked to be used in temperatures ranging from plus 10 to plus 35°C and in a relative humidity of up to 80% is marked with "A". An instrument to be used in temperatures from minus 20 to plus 50°C, in a relative humidity of up to 80% is marked with "B". An instrument to be used in temperatures from minus 40 to plus 60°C, in a relative humidity of

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## . Symbols on Electric Measuring Instruments

SOV/91-59-6-30/33

up to 98% is marked with "V". An instrument that may be used under tropical conditions is marked with "T". The markings appear on the dial inscribed in a triangle. Marking "A" is usually omitted, so that the instruments of the "A" category have a blank triangle. Furthermore, according to the above named GOST, all such instruments have different degrees of protection against the influences of external magnetic fields and are subdivided into four categories, with respect to that protection. An instrument having under the influence of a 5 oersted magnetic field an admissible alteration of its reading (from the upper limit) within  $\pm 0.5\%$  is marked with the Roman numeral "I". One having an alteration of its reading  $\pm 1.0\%$  is marked with "II". One having an alteration of its reading  $\pm 2.5\%$  is marked with "III". One having an alteration of its reading  $\pm 5.0\%$  is marked with "IV". The Roman numerals appear on the dial inscribed in a square.

Card 2/2

MININ, G.P.

Why are shunts not used in connection with alternating current?

Energetik 7 no.4:38 Ap '59.

(MIRA 12:5)

(Electric currents, Alternating--Measurement)

9 (2)

SOV/91-59-11-26/27

AUTHOR: ~~Minin, O.P.~~

TITLE: How to Calculate an Electric Heater Coil

PERIODICAL: Energetik, 1959, Nr 11, p 39 (USSR)

ABSTRACT: Ye. M. Lapin (Khutor Grechkino, Sunskaya oblast') inquires how to calculate an electric heater for 10 amps. The author of the reply furnishes the necessary basic formulas and constants of some high-resistance alloys, nichrome, etc. Further, he furnishes data for the wire diameters to be selected depending upon the application, ie. freely suspended, in coils, on a heat proof ceramic base, etc.

Card 1/1

MININ, G.P.

Calculating electric power in a three-phase net by means of single-phase meters. Energetik 8 no.6:36 Je '60. (MIRA 13:7)  
(Electric measurements)

MININ, G.P.

Measurement of the capacitance of static condensers. *Energetik* 9  
no.7:35-36 J1 '61. (MIRA 14:9)

(Electric capacitors)

MININ, G.P., inzh.

Chapter on "Electric measurement devices" from the new "Regulations  
for the operation of electric networks and power plants." Energetik  
9 no.12:29-30 D '61. (MIRA 15:1)  
(Electric meters) (Electric power distribution)

MININ, Gleb Petrovich; KAMINSKIY, Ye.A., red.; SHIROKOVA, M.M., tekhn.  
red.

[Measurement of electric power] Izmerenie moshchnosti.  
Moskva, Gos.energ.izd-vo, 1962. 93 p. (Biblioteka elektro-  
montera, no.62) (MIRA 15:5)  
(Electric power--Measurement)

LINDORF, L.S.; FUFURIN, P.N.; ULITSKIY, M.S.; USTINOV, P.I.;  
ZEYLIDZON, Ye.D.; MININ, G.P.; KOTS, A.Ya.; KHAVIN, N.Z.;  
MURAVLEVA, N.V.; LIBERMAN, A.Ya.; BARANOV, B.M.; ZVENIGORODSKIY,  
I.S.; IVANOV, V.S.; IOFFE, F.Ye.; BURLAKOV, B.M.; MIRENBURG,  
L.A.; FAYERMAN, A.L., red.; BORUNOV, N.I., tekhn. red.

[Study manual on the technical operation of electric networks  
and power plants; electrical section of electric power plants  
and electric power distribution networks] Posobie dlia izuche-  
niia pravil tekhnicheskoi ekspluatatsii elektricheskikh stantsii  
i setei; elektricheskaya chast' elektrostantsii i elektricheskie  
seti. Moskva, Gosenergoizdat, 1962. 558 p. (MIRA 15:8)

(Electric power plants--Handbooks, manuals, etc.)  
(Electric power distribution--Handbooks, manuals, etc.)

MININ, G.P.

Concerning the unit of magnetic inductance. Energetik 10  
no.1:35 Ja '62. (MIRA 14:12)  
(Inductance)

MININ, G.P.

Concerning the properties of alternating and direct current.

Energetik 10 no.2:36 F '62. (MIRA 15:2)

(Electric currents) (Electric power distribution)

MININ, G.P.

Measurement of the resistance of a grounding system.

Energetik 10-no:11:35 # '62. (MIRA 15:12)

(Electric currents—Grounding)

(Electric measurements)

MININ, G.P.

Checking of the resistance of a phase-zero loop in systems with  
dead ground neutral lines and voltages up to 1000 volts. Prom.  
energ. 17 no.3:60 Mr '62. (MIRA 15:2)  
(Electric power distribution) (Electric measurements)

MININ, Gleb Petrovich; SIDOROV, N.I., red.; BUL'DYAYEV, N.A.,  
tekhn. red.

[Megohmmeter] Megommetr. Moskva, Gosenergoizdat, 1963.  
46 p. (Biblioteka elektromontera, no.86) (MIRA 16:6)  
(Ohmmeter)

MININ, Gleb Petrovich; KAMINSKIY, Ye.A., red.; LARIONOV, B.Ye.,  
tekhn. red.

[Reactive power] Reaktivnaia moshchnost'. Moskva, Gos-  
energoizdat, 1963. 87 p. (Biblioteka elektromontera, no.114)  
(MIRA 17:4)

MININ, G.P.

Use of the international system of units in electric engineering.  
Prom. energ. 19 no. 4:42-45 Ap '64. (MIRA 17:5)

L 22573-66

ACC NR: AP6012975

SOURCE CODE: UR/0094/65/000/009/0043/0043

AUTHOR: Bol'sham, Ya. M.; Vinogradov, A. A.; Volobrinskiy, S. D.; Geyler, L. B.; Grudinskiy, P. G.; Dolginov, A. I.; Zil'berman, R. I.; Kazak, N. A.; Kletenik, B. I.; Knyazevskiy, B. A.; Livshits, D. S.; Mel'nikov, N. A.; Minin, G. P.; Mukoseyev, Yu. L.; Nayfel'd, M. R.; Petrov, I. I.; Ravin, V. I.; Samover, M. L.; Serbinovskiy, G. V.; Syromyatnikov, I. A.

ORG: none

TITLE: Lev Veniaminovich Litvak (on the occasion of his 60th birthday)

SOURCE: Promyshlennaya energetika<sup>20</sup>, no. 9, 1965, 43

TOPIC TAGS: electric engineering personnel, electric power engineering

ABSTRACT: The noted specialist of industrial power production, Candidate of Technical Sciences, Docent of the Correspondence Power Institute Lev Veniaminovich LITVAK began his engineering activity at the Moscow Association of State Electric Stations in 1929. Later he became one of the coauthors of all the "Directives for the increase of the power factor" issued in 1954, 1955, and 1961. He published 70 scientific papers. For his successful activities in defense industries during World War II he was decorated by "Znak Pocheta." After the war he concentrated on scientific-pedagogical work and in recent years worked actively in

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L 22578-66

ACC NR: AP6012975

the Teaching-Methodological Commission of the Ministry of Higher and Intermediate Special Education USSR, for the specialty "Electrical supply to industrial enterprises and cities." Orig. art. has: 1 figure. [JPRS]

SUB CODE: 05, 10, 09 / SUBM DATE: none

Cord 2/2

BK

LINDORF, L.A.; FUFURIN, N.P.; ULITSKIY, M.S.; USTINOV, P.I.;  
ZEYLIDZON, Ye.D.; MININ, G.P.; KOTS, A.Ya.; KHAVIN, N.Z.;  
MURAVLEVA, N.V.; LIBERMAN, A.Ya.; BARANOV, B.M.;  
ZVENIGORODSKIY, I.S.; IVANOV, V.S.; IOFFE, F.Ye.  
[deceased]; BURLAKOV, B.M.; MIRENBURG, L.A. [deceased];  
FAYERMAN, A.L., red.

[Aid for studying engineering regulations governing the  
operation of electric power plants and networks] Posobie  
dlia izucheniia pravil tekhnicheskoi ekspluatatsii elektri-  
cheskikh stantsii i setei. Izd.2., peresmotrennoe. Mo-  
skva, Energiia, 1965. 551 p. (MIRA 18:6)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy proizvodstven-  
nyy komitet po energetike i elektrifikatsii.

L 27947-66

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|
| ACC NR: <b>AP6017709</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | SOURCE CODE: <b>UR/0105/66/000/001/0086/0086</b> |
| AUTHOR: <u>Avilov-Karnaukhov, B. N.; Bol'sham, Ya. M.; Venikov, V. A.; Volobrinskiy, S. D.; Yermilov, A. A.; Konstantinov, B. A.; Knyazevskiy, B. Ye.; Minin, G. P.; Miller, G. R.; Mukoseyev, Yu. L.; Petrov, I. I.; Serbinovskiy, G. V.; Syromyathnikov, I. A.; Fedorov, A. A.; Kholmiskiy, G. V.; Shagalov, A. S.; Chilikin, M. G.</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                  |
| ORG: none                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 37                                               |
| TITLE: <u>Prof. Georgiy Mikhaylovich Kayalov (on his 60th birthday)</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 6                                                |
| SOURCE: Elektrichestvo, no. 1, 1966, 86                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                  |
| TOPIC TAGS: academic personnel, electric engineering personnel, electric equipment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                  |
| ABSTRACT: In 1929, G. M. Kayalov completed the electrotechnical department of the Mechanical Faculty of the Novocherkassk Polytechnical Institute. Until 1947, he worked in the planning department of the Rostov Division of the All-Union Electrotechnical Union. In this time, he rose to the position of Chief Engineer. He directed the planning of a large number of important pieces of electrical equipment for various projects. He was active in the postwar restoration of many important industrial enterprises. He is the author of almost 70 published works, and has made a great contribution to modern, scientifically based methods of design and analysis of electrical loads for industrial equipment. He is on a number of commissions and in many scientific and technical societies. Orig. art. has: 1 figure. [JPRS] |                                                  |
| SUB CODE: 09 / SUBM DATE: none                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                  |
| Card 1/1 <b>BLC</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | UDC: 621.36                                      |

MININ, I. N.

USSR/Astronomy - Star Envelopes Mar/Apr 52

"Variation of Electron Temperature in Stellar Envelopes in the Absence of Radiant Equilibrium," I.N. Minin, Leningrad State U imeni Zhdanov

"Astron Zhur" Vol XXIX, No 2, pp 154-161

Examines theoretically in subject case the process governing the variation of electron temp with time and applies the results obtained to the envelope of the Nova Hercules 1934. In astrophysics one often encounters the case where nonstationary processes occur in the envelope surrounding the

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star at a certain period of the star's development, one example of this kind being the establishment of radiant equil in the envelope under the action of a "flaring" central star, in which initially the deg of ionizational equil equals zero.

Submitted 12 Dec 51.

216763

MININ, I.N.

Application of equations of stellar hydrodynamics to spherical  
clusters. Uch.zap.Len.un. no.153:60-66 '52. (MLRA 8:6)  
(Stars--Clusters)

MININ, I. N.

"Shell Dynamics of Variable Stars." Cand Phys-Math Sci,  
Leningrad State U, Leningrad, 1954. (RZhAstr, Nov 54)

Survey of Scientific and Technical Dissertations Defended at USSR  
Higher Educational Institutions (11)

SO: Sum. No.521, 2 Jun 55

MININ, I.N.

Light conditions in a cloudy medium. Izv. AN SSSR. Ser. geofiz. no. 5:  
617-619 My '56. (MLRA 9:8)

1. Glavnaya geofizicheskaya observatoriya imeni A.I. Veyeykova.  
(Light--Scattering)

*MININ, I. N.*

36-68-1/18

**AUTHOR:** Shifrin, K.S. and Minin, I.N.

**TITLE:** Contributions to the Theory of Non-horizontal Visibility  
(K teoriya negorizontal'noy vidimosti)

**PERIODICAL:** Trudy Glavnoy geofizicheskoy observatorii  
1957, Nr 68, pp. 5-75 (USSR)

**ABSTRACT:** The authors consider all the available theories of visibility in non-horizontal or inclined direction unsatisfactory (i.e. visibility of various objects from an air-plane) since they neither account for all optical characteristics of the atmosphere nor offer any readily applicable calculation method. The authors assume the aerosol structure of cloudless atmosphere, the spectral transparency of atmospheric aerosol, and the indicators (coefficients) of dispersion in the atmosphere as starting points for the development of their theory of non-horizontal visibility. Variable optical thicknesses of atmospheric layers modify the amount and intensity of light reflected by ground objects and influence the visibility of these objects from the sky.

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36-68-1/18

Contributions to the Theory of Non-horizontal Visibility (cont.)

- : Mathematical formulas for calculating the intensity of light (specified as brightness of haze) scattered by the lower atmospheric layer are given. Tables in the appendix supply the values of spectral illumination of the surface, brightness of the haze and other pertinent parameters. The distributive factor in dispersion, called here the indicatrix, is mathematically established. The article mentions V.A. Faas, V.G. Kastrov, Ye.L. Krinov, A.N. Gordov, Ye.S. Kuznetsov, V.V. Sobolev, S.D. Gutshabash, K.S. Shifrin, and Sh. Fabri. There are 7 drawings, 18 tables (in the text) and a 40-page appendix, consisting of 6 tables; of 16 references, 11 are USSR.

AVAILABLE: Library of Congress

Card 2/2

MININ, I. N.  
SHIFRIN, K.S.; MININ, I.N.

On the theory of nonhorizontal visibility. Trudy GGO no. 68:5-75 '57.  
(Visibility) (MIRA 10:11)

MININ, I. M.

Spherical systems of gravitating bodies. Uch.zap.LGU no.190:30-39  
'57. (MLRA 10:7)

(Mechanics, Celestial) (Stars--Clusters)

SOV/51-5-3-19/21

AUTHOR : Minin, I.M.

TITLE: Equation for Radiative Transfer Taking Refraction into Account  
(Uraveniye perenosa izlucheniya s uchatom refraktsii)

PERIODICAL: Optika i Spektroskopiya, 1958, Vol 5, Nr 3, pp 337-340 (USSR)

ABSTRACT: In radiative transfer theory it is usually assumed that the radiation quanta are propagated along straight lines between successive collisions. This assumption is valid only in media with constant refractive indices. For non-uniform media with variable refractive indices the transfer theory should allow for refraction. The author discusses the radiative transfer equation taking into account refraction in a plane layer. The paper is entirely theoretical. There is one Soviet reference.

Card 1/1

1. Radiation--Theory

AUTHOR: Minin, I. N.

SOV/20-120-1-15/63

TITLE: On the Theory of the Diffusion of Radiation in a Semi-Infinite Medium (K teorii diffuzii izlucheniya v polubeskonechnoy srede)

PERIODICAL: Doklady Akademii nauk SSSR, 1958, Vol. 120, Nr 1, pp. 63 - 65 (USSR)

ABSTRACT: V.V.Sobolev (Ref 1) showed that the solution of any problem concerning the luminescence of a plane layer of infinitely high optical density with a spherical scattering indicatrix in the presence of radiation sources (the power of which only depends on the optical depth) is reduced to the determination of the function  $\Phi(\tau)$ .  $\Phi(\tau)$  is defined by the equation

$$\Phi(\tau) = K(\tau) + \int_0^\tau K(\tau - \tau') \Phi(\tau') d\tau' \quad \text{with}$$

$K(\tau) = \frac{\lambda}{2} \int_0^1 e^{-\tau/\eta} \psi(\eta) \frac{d\eta}{\eta}$ .  $\lambda$  denotes the ratio between the scattering coefficient and the attenuation coefficient. The function  $\psi(\eta)$  introduced by V.A.Ambartsumyan is determined from the equation

Card 1/2

On the Theory of the Diffusion of Radiation in a Semi-Infinite Medium  
-Infinite Medium

$\varphi(\eta) = 1 + \frac{\lambda}{2} \varphi(\eta) \int_0^1 \frac{\varphi(\xi)}{\eta + \xi} d\xi$ . The present paper finds the exact analytical solution of the first written down integral equation and draws some conclusions from it. The course of the calculations is followed step by step. The solution  $\varphi(\tau)$  is written down explicitly and is specialized for the case  $\lambda = 1$ . At  $\tau \gg 1$  the integral occurring in the formula for  $\varphi(\tau)$  can be neglected. Finally the author writes down a formula for the special case where a pure scattering ( $\lambda = 1$ ) takes place in the medium, and where the radiation sources are at an infinite depth. There are 1 table and 3 references, 2 of which are Soviet.

PRESENTED: February 6, 1958, by V.A. Ambartsumyan, Member, Academy of Sciences, USSR

SUBMITTED: February 1, 1958

1. Diffusion--Theory 2. Luminescence--Analysis 3. Mathematics--Applications

Card 2/2